

AGRICULTURAL INDUSTRY AND EDUCATION DEPARTMENT

Professor: C. Jensen (Acting Chairman)

Associate Professor: De Tar

Assistant Professor: H. Martin

Lecturer: From

Part-time: A. Johnson, Simmons

The Agricultural Industry and Education Department offers majors in agribusiness, agricultural mechanics, dairy science, food science, general agriculture, and viticulture and enology.

The *agribusiness major* with an option in agricultural mechanics prepares students for positions in areas such as farm machinery and equipment sales; appraising for insurance companies and banks; management, credit, accounting and other office work; and general farming.

The *agricultural mechanics major* is designed to qualify students for positions in such fields as farm equipment sales and service, farm structures, rural electrification, teaching vocational agriculture, and farming. Students are trained in the selection, operation, construction, maintenance, and repair of equipment and structures used in modern agriculture.

Students majoring in *agricultural engineering* enroll under the *School of Engineering*. A minimum of 23 units in agricultural mechanics and agriculture is included in the program.

The *dairy science major with dairy industry option* prepares students for work in dairy plants in processing dairy products. The college maintains its own processing plant for bottling milk and for teaching the required courses in butter making, ice cream, cheese, and dairy plant management. Dairy products are processed for the college cafeteria and retail sales store by students as a part of the practical training program.

The *food science option* prepares students for employment opportunities with governmental agencies engaged in regulatory work; food processing, canning, freezing, and packaging plants; and research.

The *general agriculture* (agricultural education) *major* has been classified as academic for credentialing purposes. The requirements are flexible and have been adapted to meet the needs of students interested in teaching vocational agriculture. The general agriculture major also prepares students for other occupations, including farming. Many graduates have found positions with county, state, and federal agencies, or in business and services related to agriculture.

The *viticulture and enology major* with enology option prepares students for positions in the California wine industry. Typical positions include laboratory technicians, plant sanitarians, wine chemists, processing department supervisors, and production managers.

MAJOR REQUIREMENTS

Agribusiness (Agricultural Mechanics Option)

Units

AgM 15, 17, 18A, 25, 81, 91, 111, 115, 116, 151A-B, 158A, 159; Ag 1, 31, 112; Acct 1A-B; Mkt 100; Bus Ad 18, 65, 110, 118, 133, 151; business elective (3 u.d.)

65

Additional Requirements: PlSc 30, 50, 110 or 150; Chem 2A; Phys 2A; Econ 1A-B; Biol 1A or 1B; Math 29, 30.

Agricultural Mechanics

AgM 15, 17, 18A-B, 25, 81, 91, 111, 115, 116, 121, 151A-B, 158A, 159; Ag 1, 151 36

Additional Requirements: PlSc 30, 50; Chem 2A; Phys 2A; animal and/or plant science electives (6 un); IA 74; Econ 1A; Biol 1A or 1B; Math 29, 30.